



1648

PATENT

Attorney Docket No.: 37921-151956

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re: Patent application of
Stephen Alister Locarnini et al.

Serial No.: 09/831,686

Filed: July 31, 2001

For: Biological Compositions, Components
Thereof and Uses Therefor

Group Art Unit:
1648

Examiner:

APR 25 2002

TECH CENTER 1600/2900

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37C.F.R. §§1.97-1.98, submitted herewith are copies of the reference listed in the accompanying Form PTO-1449.

The Examiner is respectfully requested to review the items listed on the attached PTO 1449 and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate substitute Form 1449, and return one copy to the undersigned.

**CERTIFICATE OF MAILING
UNDER 37 C.F.R. 1.8(a)**

I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

BY

Wesley Rivers

DATE:


April 18, 2002

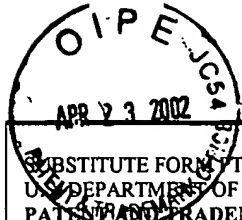
This Information Disclosure Statement should not be construed as a representation that the cited references are material or that more relevant prior art does not exist.

This statement is being submitted before the expiration of three months from the filing date of the present application. Thus, no fee is due for the filing of this paper. However, if a fee is due, please charge Deposit Account No. 50-0573.

Respectfully submitted,

STEPHEN ALISTER LOCARNINI et al.

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SHEET 1 OF 1

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ATTY. DOCKET NO. 37921-151956

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INFORMATION DISCLOSURE CITATION

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U.S. PATENT DOCUMENTS

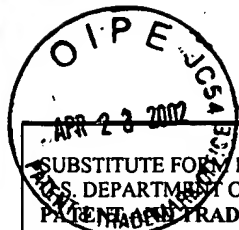
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
AA						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AA	WO 9828004	07/02/98	PCT				
	AB	WO 9412617	06/09/94	PCT				
	AC	WO 9941383	08/19/99	PCT				
	AD	WO 9700698	01/09/97	PCT				
	AE	WO 9426904	11/24/94	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AG	J General Virology (1993) 74, pp 1341-1348. Norder et al "Genetic Relatedness Of Hepatitis B Viral Strains Of Diverse Geographical Origin And Natural Variations In The Primary Structure Of The Surface Antigen".		
AH	J Medical Virology (1995) 45, pp 247-252. Uchida et al" Complete Nucleotide Sequences and the Characteristics of Two Hepatitis B Virus Mutants Causing Serologically Negative Acute or Chronic Hepatitis B ".		
AI	Virology (1990) 176, pp 596-603. Tong et al "Active Hepatitis B Virus Replication in the Presence of anti-HBe Is Associated with Viral Variants Containing an Inactive Pre-C Region".		
AJ	J General Virology (1988) 69, pp 2575-2583. Okamoto et al "Typing Hepatitis B Virus By Homology In Nucleotide Sequence:Comparison Of Surface Antigen Subtypes".		
AK	Vaccine (1998) 16, pp 170-173. Jian-Wen He et al. "Mutations in the "a" Determinant Of Hepatitis B Surface Antigen Among Chinese Infants Receiving Active Postexposure Hepatitis B Immunization".		
AL	J General Virology (1985) 66, pp 195-200. Takeshima et al."Structural Analysis Of The Gene Coding For Hepatitis B Virus Surface Antigen And Its Product".		
AM	J of Hepatology (1996) 25, pp 787-794. Asahina et al "Sequential Changes In Full-Length Genomes Of Hepatitis B Virus Accompanying Acute Exacerbation Of Chronic Hepatitis B".		
AN	J Medical Virology (1999) 58, pp 346-352. Karthigesu et al. "A Hepatitis B Virus Variant Found in The Sera of Immunised Children Induces A Conformational Change In The HBsAg 'a" Determinant".		
AO	J Virology (1998) 72, pp7692-7696. Grethe et al. "Characterization Of Unusual Escape Variants Of Hepatitis B Virus Isolated From A Hepatitis B Surface Antigen-Negative Subject".		
EXAMINER		DATE CONSIDERED	
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